

Kokiri's Emerald

Suite: Ocarina of Time

by Arya Akhavan (October 2012)

Angles for R.I. = 1.650

53 + 8 girdles = 61 facets

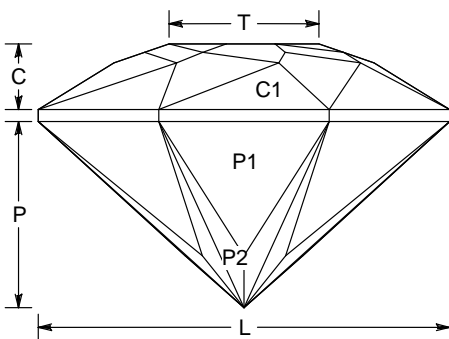
4-fold radial symmetry

96 index

$L/W = 1.000$ $T/W = 0.364$ $U/W = 0.364$

$P/W = 0.453$ $C/W = 0.159$

$Vol./W^3 = 0.222$



PAVILION

P1	42.45°	96-12-24-36-48-60-72-84	Cut to centrepoint.
G1	90.00°	96-12-24-36-48-60-72-84	Set stone size (level girdle)
P2	41.45°	01-11-13-23-25-35-37-47-49-59-61-71-73-83-85-95	Meet P1, G1

CROWN

C1	31.67°	96-12-24-36-48-60-72-84	Set girdle width.
C2	27.24°	10-22-34-46-58-70-82-94	Meet G1, C1
C3	18.92°	96-12-24-36-48-60-72-84	Meet C1, C2
C4	14.00°	14-38-62-86	Meet C2, C3
T	0.00°	Table	Meet C3, C4

This simple, yet brilliant octagon is the last in a suite of gems from the classic Zelda game. The crown uses 4-fold radial symmetry to help break up some of the extinction pattern, and creates an interesting spiral star in the reflection pattern. Can be cut in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested size = 5-10 mm

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